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PART B - FEE(S) TRANSMITTAL

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Alexandria, Virginia 22313-1450
(703) 746-4000or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

20985

7590

05/09/2005

FISH & RICHARDSON P.C.
12390 EL CAMINO REAL
SAN DIEGO, CALIFORNIA 92130

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

| | |
|-------------------------|--------------------|
| Rita H. Jennings | (Depositor's name) |
| <i>Rita H. Jennings</i> | (Signature) |
| 07/15/2005 | (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/369,735 | 05/06/1999 | Ilmo Mchael | 11059-032031 | 7108 |

TITLE OF INVENTION: METHODS FOR MAKING AND USING A THERMOPHILIC ENZYME AS A BETA-GLYCOSIDASE (AMENDED)

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$1700 | 08/09/2005 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|-------------|----------|----------------|
| MONSHIPOURI | 1652 | 439-105000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Fish & Richardson P.C.
2. _____
3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE (CITY AND STATE OR COUNTRY)

Director-General of Agency of Industrial Science and Technology

JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 2

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-1050 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered agent or, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature)

Typed or Printed Name Scott C. Harris(Date) July 15, 2005Registration No. 32,030

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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SUBSTITUTE PTOL-85 (Rev. 12/04) Approved for use through 04/30/2007.

OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

JUL 15 2005

Attorney's Docket No.: 11059-002001
Client's Ref. No.: PH679US

OFFICIAL COMMUNICATION FACSIMILE:

OFFICIAL FAX NO: (571) 273-8300

Number of pages including this page 3

Applicant: Ikuo Matsui et al.
Serial No: 09/369,735
Filed: August 6, 1999

Art Unit: 1652
Examiner: Monshipouri, Maryam

Title: METHODS FOR MAKING AND USING A THERMOPHILIC ENZYME AS A
beta-GLYCOSIDASE (amended)

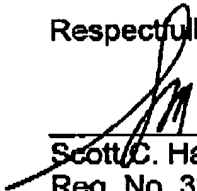
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Attached to this facsimile communication cover sheet is Response to Notice of Allowance and Issue Fee Transmittal form PTOL-85b, faxed this 15th day of July, 2005, to the United States Patent and Trademark Office.

Respectfully submitted,

Date: July 15, 2005



Scott C. Harris
Reg. No. 32,030

Fish & Richardson P.C.
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JUL 15 2005

Attorney's Docket No.: 11059-002001 / PH679US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ikuo Matsui et al.

Serial No.: 09/369,735

Filed: August 6, 1999

Art Unit: 1652

Examiner: Monshipouri, Maryam

Confirmation No.: 7188

Notice of Allowance Date: May 9, 2005

Title: METHODS FOR MAKING AND USING A THERMOPHILIC ENZYME AS A BETA-GLYCOSIDASE (AMENDED)

MAIL STOP ISSUE FEE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO NOTICE OF ALLOWANCE

In response to the Notice of Allowance mailed May 9, 2005, enclosed are a completed issue fee transmittal form PTOL-85b and a check for \$1706 for the required issue fee and publication fee, including patent copies.

Please apply the payment of \$1706 for the required issue fee, publication fee and patent copies, and any additional charges or credits to our Deposit Account No. 06-1050.

Respectfully submitted,

Date: July 15, 2005

Scott C. Harris
Reg. No. 32,030

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03 FC:8001 6.00 DA

Date of Transmission

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Rita H. Jennings

Rita H. Jennings

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